

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please include the following headings on page 1, immediately preceding the paragraph at line 1 of the original specification,

--BACKGROUND OF THE INVENTION

Field of the Invention--.

Page 1, line 5, please insert the following new heading:

--Description of Related Art--.

Page 2, line 26, please insert the following new heading:

--SUMMARY OF THE INVENTION--.

Page 3, please delete the paragraph beginning at line 1 and continuing to line 2 in its entirety.

Please replace the paragraph beginning on page 11, line 17, with the following amended paragraph:

It is often desirable, to separate excellent entities and/or substrates from the other entities and/or substrates by means of certain optical parameters to subject them to a further analysis and/or processing. This separation can be performed by means of a suitable manipulator, as for example a pipette, a mechanical gripper etc. Especially suitable methods are, for example, described in ~~WO A 95/35492~~ U.S. 2002/0073787 A1 published June 20, 2002, the disclosure of which is ~~incorporated~~ incorporated herewith by reference. For example, the removal or separation, respectively, by means of electric potential- or field impulse, of pressure-difference-pulse or also of light-pressure-pulse is described therein. It is also possible to use a preferably piezo-controlled pump- or dispensation-system, respectively. In general it is helpful to detect the determined measuring values depending on the position of the measuring volume during the scanning process for automation of the separation process.

Page 14, line 25, please insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 15, line 26, please insert the following heading:

--DETAILED DESCRIPTION OF THE INVENTION--.